

**TRANSMITTAL AND NOTICE OF APPROVAL OF
STATE PLAN MATERIAL
FOR: HEALTH CARE FINANCING ADMINISTRATION**

TO: REGIONAL ADMINISTRATOR
HEALTH FINANCING ADMINISTRATION
DEPARTMENT OF HUMAN SERVICES

5. TYPE OF PLAN MATERIAL (Check One):

NEW STATE PLAN AMENDMENT TO BE CONSIDERED AS NEW PLAN AMENDMENT

COMPLETE BLOCKS 6 THRU 10 IF THIS IS AN AMENDMENT (Separate Transmittal for each amendment)

6. FEDERAL STATUTE/REGULATION CITATION:
42 CFR 447 Subpart C

8. PAGE NUMBER OF THE PLAN SECTION OR ATTACHMENT:
Attachment 4.19-A, pgs 6, 8, 10, 14, 16 and 17, and Appendix A

7. FEDERAL BUDGET IMPACT:

a. FFY 09 _____ \$ -0-
b. FFY 10 _____ \$ -0-

9. PAGE NUMBER OF THE SUPERSEDED PLAN SECTION
OR ATTACHMENT (If Applicable):

Attachment 4.19-A, pgs 6, 8, 10, 14, 16 and 17, and Appendix A

10. SUBJECT OF AMENDMENT:

IPH reimbursement - version 26.0 Grouper update

11. GOVERNOR'S REVIEW (Check One):

- GOVERNOR'S OFFICE REPORTED NO COMMENT
 COMMENTS OF GOVERNOR'S OFFICE ENCLOSED
 NO REPLY RECEIVED WITHIN 45 DAYS OF SUBMITTAL

OTHER, AS SPECIFIED:

Paul Reinhart, Director
Medical Services Administration

12. SIGNATURE OF STATE AGENCY OFFICIAL:

Stephen Peter Van Vickle Reinhart

16. RETURN TO:

Medical Services Administration
Program/Eligibility Policy Division - Federal Liaison Unit
Capitol Commons Center - 7th Floor
400 South Pine
Lansing, Michigan 48933

13. TYPED NAME:-

Paul Reinhart

14. TITLE:

Director, Medical Services Administration

15. DATE SUBMITTED:

January 21, 2009

Attn.: Nancy Bishop

FOR REGIONAL OFFICE USE ONLY

17. DATE RECEIVED:

18. DATE APPROVED:

JUL 30 2009

PLAN APPROVED - ONE COPY ATTACHED

19. EFFECTIVE DATE OF APPROVED MATERIAL

JAN - 1 2009

20. SIGNATURE OF REGIONAL OFFICIAL

21. TYPE NAME:

CINDY MANN

22. TITLE:

DIRECTOR, CMSO

23. REMARKS:

STATE PLAN UNDER TITLE XIX OF THE SOCIAL SECURITY ACT

State of MICHIGAN

Methods and Standards for Establishing Payment Rates – Inpatient Hospital

15. Recognize area cost differences by dividing the charges for each hospital by an area cost adjustor factor. Hospitals are grouped by U.S. Census Core Based Statistical Areas (CBSAs) as determined by the Centers for Medicare and Medicaid Services for the Medicare program for wage data. Each area cost adjustor is calculated as follows:

- a. Cost Adjustor = $0.71066 \times \text{Wage Adjustor} + 0.28934$
 - 1) the cost formula reflects Medicare estimate of labor-related costs as a portion of total hospital costs as published in the federal register.
 - 2) Each area wage factor is area wage per F.T.E. divided by the statewide average hospital wage per F.T.E. Medicare audited wage is collected using the source described in state policy for the rate-setting period in question. Contract labor cost, as defined by Medicare, are included in determining a hospital's wage costs. Physician Medicare Part B labor costs are excluded.
 - 3) Each hospital's wage costs are adjusted for different fiscal year ends by multiplying the hospital's wage costs by inflation and weighting factors. All wages are brought to a common point in time.
 - 4) For hospitals with cost reporting periods ending other than the end of a quarter, the inflation update for the quarter in which the fiscal year ends is used.
 - 5) The wage adjuster is based on a three-year moving average with the most recent year weighted 60%, the second year weighted 24%, and the initial year weighted 16%
 - 6) If two or more hospitals merged and are now operating as a single hospital, salary and wages are computed using the combined cost report data from all hospitals involved in the merger. Salary data will be inflated to a common point in time.
- b. Indirect medical education (IME) charges are removed by dividing each hospital's adjusted charges by an IME adjustor. Each hospital's IME adjustor is calculated as follows:

$$1 + \left(\left[\left(1 + \frac{\text{Interns \& Residents}}{\text{Beds}} \right)^{.5795} - 1 \right] \times 0.3575 \right)$$

- 1) The number of beds for each hospital is the average number of available beds for the hospital. Available licensed beds are limited to beds in the medical/surgical

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TN No.: 08-03

STATE PLAN UNDER TITLE XIX OF THE SOCIAL SECURITY ACT

State of MICHIGAN

Policy and Methods for Establishing Rates – Inpatient Hospital

- d. The adjusted cost for each episode is calculated by multiplying the adjusted charges for the episode by the inpatient operating cost to charge ratio.
 - 1) Each hospital's Title XIX operating cost to total charge ration is obtained from the hospital's filed cost reports for the fiscal year ending in the second year of the base period. If the cost to charge ratio is greater than 1.0, then 1.0 is used.
 - 2) If two or more hospitals merge, and are operating as a single hospital, a cost to charge ratio for the period is computed using the combined cost report data from all hospitals involved in the merger. Cost and charge data will be inflated to a common point in time.
- e. The average cost for episodes within each DRG is calculated by dividing the sum of the costs for the episodes by the number of episodes within the DRG.
- f. The relative weight for each DRG is calculated by dividing the average cost for episodes within each DRG by the average cost per episode for all episodes. A table showing the relative weights, average lengths of stay, and outlier thresholds for each DRG is included in Appendix A.
- g. Bring all charges for discharges to the applicable time period through application of inflation and weighting factors.

Data for current wage adjustors are taken from hospital cost reporting periods ending between September 1, 2003 and August 31, 2006. Each hospital's wage costs are adjusted for different fiscal year end dates by multiplying the hospital's wage costs by inflation and weighting factors. All wages are brought to a common point in time. Filed wage data is used for hospitals where audited data is not available. The following adjustment factors derived from the Global Insight PPS-Type Hospital Market Basket Index, employee cost component relative to the period, are used:

Fiscal Year Ending	Wage Inflation Factors	Weighting Factors
9/30/03	1.1887	0.16
12/31/03	1.1776	0.16
3/31/04	1.1656	0.16
6/30/04	1.1507	0.16
9/30/04	1.1354	0.24
12/31/04	1.1211	0.24
3/31/05	1.1075	0.24
6/30/05	1.0940	0.24
9/30/05	1.0804	0.60
12/31/05	1.0675	0.60
3/31/06	1.0550	0.60
6/30/06	1.0440	0.60
8/31/06	1.0000	0.60

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Rates will be adjusted by an inflation factor of 1.0771 for the period from August 31, 2006 to December 31, 2008.

5. Determine the DRG base price by:
 - a. Calculate each hospital's limited base price. This is the lesser of the hospital specific base price or the mean of all base prices, plus one standard deviation.
 - b. Calculate the statewide operating cost limitation. This is a truncated, weighted mean of all hospitals' limited base prices divided by base period discharges.
 - c. The lesser of the truncated mean or the hospital specific base price then becomes the DRG base price (before the cost adjustor and incentives are added) for each hospital.
6. Calculate any incentive. For hospitals with base DRG prices below the operating limit (truncated mean), the hospital's base DRG price is increased by adding 10% of the difference between the hospital specific base price and the limit.

Adjust each hospital's DRG base price, plus any incentive, by the updated cost adjustor. The updated cost adjustor is calculated, to reflect the most current data available, in the same manner as the base cost adjustor, except that:

1. Wage data is collected using the source described within State policy for the rate-setting period.
2. The wage and benefit inflation factors are derived from the employee cost component of the Global Insight PPS – Type Hospital Market Basket Index relative to the period.
3. In the event that changes in federal regulations result in incompatible data between the base and update periods, adjustments are made either to the base or the update period to render the data comparable.
4. A budget neutrality factor is included in the hospital price calculation. Hospital prices are reduced by the percentage necessary so that total aggregate hospital payments using the new hospital prices and DRG relative weights do not exceed the total aggregate hospital payments made using the prior hospital base period data and DRG Grouper relative weights. The calculated DRG prices are deflated by the percentage necessary for the total payments to equate to the amount currently paid.

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Readmissions for an unrelated condition, whether to the same or a different hospital, are considered separate episodes for payment purposes.

7. Percent of Charge Reimbursement

The payment amount for claims that fall into DRGs 1, 2, 5, 6, 7, 8, 9, or 10 is total hospital charges times the hospital's inpatient operating cost to charge ratio excluding IME.

The ratio is the hospital's Title XIX inpatient operating cost to charge ratio as obtained from weighted filed cost reports for fiscal years ending between September 1, 2003 and August 31, 2006.

8. Hospitals Outside of Michigan

Medical/surgical hospitals not located in Michigan are reimbursed under the DRG system. The DRG price is the statewide operating cost limit (truncated mean of base prices located in Michigan).

Hospitals that have charges that exceed \$250,000 during a single fiscal year (using the State of Michigan fiscal year – October 1st through September 30th) may be reimbursed the hospital's inpatient operating cost to charge ratio for those Michigan Medicaid DRGs reimbursed by percentage of charge. The hospitals' chief financial officer must submit and the MSA must accept documentation stating the hospital's Medicaid cost to charge ratio in the state that the hospital is located. Once accepted, the hospital's actual cost to charge ratio is applied prospectively to those DRGs and claims subject to percentage of charge reimbursement using the Michigan DRG payment system.

9. New Hospitals

A new medical/surgical hospital is one for which no Michigan Medicaid program cost or paid claims data exists during the period used to establish hospital specific base rates or one which was not enrolled in the Medicaid program when hospital specific base prices/rates were last established. Hospitals that experience a change of ownership or that are created as the result of a merger are not considered new hospitals.

The DRG base price for new general hospitals is the statewide operating limit until new DRG base prices are calculated for all hospitals using data from time periods during which the new hospital provided services to Medicaid beneficiaries.

D. Hospitals and Units Exempt from DRG Reimbursement

1. Calculating Per Diem Rates

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- 1) Multiply the cost per day by the applicable inflation factor. Each hospital's costs are inflated to a common point in time. Inflation factors were obtained from the Global Insight PPS-Type Hospital Market Basket Index relative to the period.

Fiscal Year Ending	Cost Inflation Factors	Weighting Factors
9/30/03	1.1605	0.16
12/31/03	1.1504	0.16
3/31/04	1.1409	0.16
6/30/04	1.1272	0.16
9/30/04	1.1121	0.24
12/31/04	1.0964	0.24
3/31/05	1.0818	0.24
6/30/05	1.0675	0.24
9/30/05	1.0523	0.60
12/31/05	1.0369	0.60
3/31/06	1.0230	0.60
6/30/06	1.0103	0.60
8/31/06	1.0000	0.60

Rates will be adjusted by an inflation factor of 1.0771 for the period from August 31, 2006 to December 31, 2008.

The inflation update for the quarter in which the hospital's fiscal year ends is used.

- 2) Recognize area cost differences by dividing the cost per day for each hospital by an area cost adjustor factor. Hospitals are grouped by U.S. Census Core Based Statistical Area (CBSAs) as determined by the Centers for Medicare and Medicaid Services for the Medicare program for wage data. Each area cost adjustor is calculated as follows:

$$\bullet \quad \text{COST ADJUSTOR} = 0.71066 \times \text{WAGE ADJUSTOR} + 0.28934$$

The cost adjuster formula reflects Medicare estimate of labor-related costs as a portion of total hospital costs as published in the Federal Register.

- 3) Each area wage factor is area wage per full-time equivalent (F.T.E.) divided by the statewide average hospital wage per F.T.E. Contract labor costs are included in determining a hospital's wage costs.

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data is not available. The following adjustment factors, derived from the Global Insight PPS-Type Hospital Market Basket Index relative to the period, employee cost component, are used:

Fiscal Year Ending	Wage Inflation Factors	Weighting Factors
9/30/03	1.1887	0.16
12/31/03	1.1776	0.16
3/31/04	1.1656	0.16
6/30/04	1.1507	0.16
9/30/04	1.1354	0.24
12/31/04	1.1211	0.24
3/31/05	1.1075	0.24
6/30/05	1.0940	0.24
9/30/05	1.0804	0.60
12/31/05	1.0675	0.60
3/31/06	1.0550	0.60
6/30/06	1.0440	0.60
8/31/06	1.0000	0.60

For hospitals with cost reporting periods ending other than the end of a quarter, the inflation update for the quarter in which the hospital's fiscal year ends is used.

- The wage data for distinct part rehabilitation units is the same as for the inpatient medical/surgical area of the hospital. The cost reports do not differentiate salaries/hours by unit type.
- If two or more hospitals merge and are now operating as a single hospital, salary and wages are computed using the combined cost report data from all hospitals involved in the merger. Salary data will be inflated to a common point in time.
- Remove indirect medical education (IME) costs by dividing by an adjustor for indirect education. Each hospital's IME adjustor is calculated as follows:

$$1 + \left(\left[\left(1 + \frac{\text{Interns & Residents}}{\text{Beds}} \right)^{.5795} - 1 \right] \times 0.3575 \right)$$

- Distinct part rehabilitation units report this data separately. The IME adjustor is unique to the unit.

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Michigan Department of Community Health
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Appendix A

HDRF4.179

DRG	MDC	Type	Description	Relative Weight	Avg LOS	Low Day	High Day
1	PRE	SURG	Heart transplant or implant of heart assist system w MCC	Paid percent of charge			
2	PRE	SURG	Heart transplant or implant of heart assist system w/o MCC	Paid percent of charge			
3	PRE	SURG	ECMO or trach w MV 96+ hrs or PDX exc face, mouth & neck w maj O.R.	24.0144	43.37	7	79
4	PRE	SURG	Trach w MV 96+ hrs or PDX exc face, mouth & neck w/o maj O.R.	13.9989	34.66	4	68
5	PRE	SURG	Liver transplant w MCC or intestinal transplant	Paid percent of charge			
6	PRE	SURG	Liver transplant w/o MCC	Paid percent of charge			
7	PRE	SURG	Lung transplant	Paid percent of charge			
8	PRE	SURG	Simultaneous pancreas/kidney transplant	Paid percent of charge			
9	PRE	SURG	Bone marrow transplant	Paid percent of charge			
10	PRE	SURG	Pancreas transplant	Paid percent of charge			
11	PRE	SURG	Tracheostomy for face,mouth & neck diagnoses w MCC	6.0945	17.41	5	50
12	PRE	SURG	Tracheostomy for face,mouth & neck diagnoses w CC	3.7279	10.87	3	50
13	PRE	SURG	Tracheostomy for face,mouth & neck diagnoses w/o CC/MCC	2.3895	7.32	1	50
20	01	SURG	Intracranial vascular procedures w PDX hemorrhage w MCC	12.2367	19.78	2	51
21	01	SURG	Intracranial vascular procedures w PDX hemorrhage w CC	8.7852	16.22	3	50
22	01	SURG	Intracranial vascular procedures w PDX hemorrhage w/o CC/MCC	4.9570	9.74	1	50
23	01	SURG	Craniotomy w major device implant or acute complex CNS PDX w MCC	6.7451	13.95	1	50
24	01	SURG	Craniotomy w major device implant or acute complex CNS PDX w/o MCC	5.1005	11.31	1	50
25	01	SURG	Craniotomy & endovascular intracranial procedures w MCC	6.6728	15.07	1	50
26	01	SURG	Craniotomy & endovascular intracranial procedures w CC	3.7760	8.97	1	50
27	01	SURG	Craniotomy & endovascular intracranial procedures w/o CC/MCC	2.7000	5.27	1	50
28	01	SURG	Spinal procedures w MCC	7.3059	15.20	1	50
29	01	SURG	Spinal procedures w CC	3.8581	9.59	1	50
30	01	SURG	Spinal procedures w/o CC/MCC	2.5941	5.54	1	50
31	01	SURG	Ventricular shunt procedures w MCC	4.2783	11.60	1	50
32	01	SURG	Ventricular shunt procedures w CC	1.8650	4.86	1	50
33	01	SURG	Ventricular shunt procedures w/o CC/MCC	1.4048	3.38	1	50
34	01	SURG	Carotid artery stent procedure w MCC	7.6569	17.00	12	50
35	01	SURG	Carotid artery stent procedure w CC	2.1636	3.00	2	50
36	01	SURG	Carotid artery stent procedure w/o CC/MCC	2.9623	1.60	1	50
37	01	SURG	Extracranial procedures w MCC	5.3568	11.23	1	50
38	01	SURG	Extracranial procedures w CC	2.1545	4.81	1	50
39	01	SURG	Extracranial procedures w/o CC/MCC	1.5793	2.72	1	50

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Appendix A

DRG	MDC	Type	Description	Relative Weight	Avg LOS	Low Day	High Day
40	01	SURG	Periph & cranial nerve & other nerv syst proc w MCC	5.1395	15.21	1	50
41	01	SURG	Periph & cranial nerve & other nerv syst proc w CC	2.3148	8.19	1	50
			Periph & cranial nerve & other nerv syst proc w/o CC/MCC	1.8536	4.54	1	50
42	01	SURG	Spinal disorders & injuries w CC/MCC	2.2518	8.71	1	50
52	01	MED	Spinal disorders & injuries w/o CC/MCC	1.2874	4.39	1	50
53	01	MED	Nervous system neoplasms w MCC	2.1467	7.23	1	50
54	01	MED	Nervous system neoplasms w/o MCC	1.3299	4.93	1	50
55	01	MED	Degenerative nervous system disorders w MCC	1.8861	7.83	1	50
57	01	MED	Degenerative nervous system disorders w/o MCC	1.0598	5.14	1	50
58	01	MED	Multiple sclerosis & cerebellar ataxia w MCC	2.2478	9.52	2	50
59	01	MED	Multiple sclerosis & cerebellar ataxia w CC	1.3450	5.94	1	50
60	01	MED	Multiple sclerosis & cerebellar ataxia w/o CC/MCC	0.9737	4.13	1	50
61	01	MED	Acute ischemic stroke w use of thrombolytic agent w MCC	3.2883	7.67	5	50
62	01	MED	Acute ischemic stroke w use of thrombolytic agent w CC	2.4299	6.32	2	50
63	01	MED	Acute ischemic stroke w use of thrombolytic agent w/o CC/MCC	2.1878	5.00	3	50
64	01	MED	Intracranial hemorrhage or cerebral infarction w MCC	2.9325	9.51	1	50
65	01	MED	Intracranial hemorrhage or cerebral infarction w CC	1.8020	6.74	1	50
66	01	MED	Intracranial hemorrhage or cerebral infarction w/o CC/MCC	1.3160	4.18	1	50
67	01	MED	Nonspecific cva & precerebral occlusion w/o infarct w MCC	2.1122	7.31	1	50
68	01	MED	Nonspecific cva & precerebral occlusion w/o infarct w/o MCC	1.2793	4.92	1	50
69	01	MED	Transient ischemia	0.9053	3.23	1	50
70	01	MED	Nonspecific cerebrovascular disorders w MCC	2.5014	9.56	1	50
71	01	MED	Nonspecific cerebrovascular disorders w CC	1.5501	6.64	1	50
72	01	MED	Nonspecific cerebrovascular disorders w/o CC/MCC	1.1494	7.02	1	50
73	01	MED	Cranial & peripheral nerve disorders w MCC	1.6234	7.37	1	50
74	01	MED	Cranial & peripheral nerve disorders w/o MCC	1.0102	4.56	1	50
75	01	MED	Viral meningitis w CC/MCC	1.1616	4.81	1	50
76	01	MED	Viral meningitis w/o CC/MCC	0.6808	3.17	1	50
77	01	MED	Hypertensive encephalopathy w MCC	2.5708	9.18	1	50
78	01	MED	Hypertensive encephalopathy w CC	1.5443	4.39	1	50
79	01	MED	Hypertensive encephalopathy w/o CC/MCC	1.4872	4.08	1	50
80	01	MED	Nontraumatic stupor & coma w MCC	1.8442	5.13	1	50
81	01	MED	Nontraumatic stupor & coma w/o MCC	0.8343	3.07	1	50
82	01	MED	Traumatic stupor & coma, coma >1 hr w MCC	2.9549	6.90	1	50
83	01	MED	Traumatic stupor & coma, coma >1 hr w CC	1.8132	4.26	1	50
84	01	MED	Traumatic stupor & coma, coma >1 hr w/o CC/MCC	1.3699	3.11	1	50
85	01	MED	Traumatic stupor & coma, coma <1 hr w MCC	2.8255	9.97	2	50
85.1	01	MED	Traumatic stupor & coma, coma <1 hr w CC	1.4432	4.67	2	50
86	01	MED	Traumatic stupor & coma, coma <1 hr w/o CC	1.8446	5.54	1	50
86.1	01	MED	Traumatic stupor & coma, coma <1 hr w CC	0.8657	3.04	1	50
87	01	MED	Traumatic stupor & coma, coma <1 hr w/o CC/MCC	0.9625	2.73	1	50

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Appendix A

HCFA 179	DRG	MDC	Type	Description	Relative Weight	Avg LOS	Low Day	High Day
	87.1	01	MED	Traumatic stupor & coma, coma <1 hr w/o CC/MCC	0.5520	1.88	1	50
	88	01	MED	Concussion w MCC	1.3807	3.30	1	50
	88.1	01	MED	Concussion w MCC	0.3665	3.00	3	50
	89	01	MED	Concussion w CC	1.0330	2.84	1	50
	89.1	01	MED	Concussion w CC	0.7193	1.63	1	50
	90	01	MED	Concussion w/o CC/MCC	0.7601	1.65	1	50
	90.1	01	MED	Concussion w/o CC/MCC	0.4847	1.93	1	50
	91	01	MED	Other disorders of nervous system w MCC	2.0274	7.77	1	50
	92	01	MED	Other disorders of nervous system w CC	1.2286	5.28	1	50
	93	01	MED	Other disorders of nervous system w/o CC/MCC	0.7997	2.70	1	50
	94	01	MED	Bacterial & tuberculous infections of nervous system w MCC	4.5883	16.42	2	50
	95	01	MED	Bacterial & tuberculous infections of nervous system w CC	3.1361	12.59	2	50
	96	01	MED	Bacterial & tuberculous infections of nervous system w/o CC/MCC	2.0901	7.53	1	50
	97	01	MED	Non-bacterial infect of nervous sys exc viral meningitis w MCC	4.7438	17.37	1	50
	98	01	MED	Non-bacterial infect of nervous sys exc viral meningitis w CC	2.6413	10.82	1	50
	99	01	MED	Non-bacterial infect of nervous sys exc viral meningitis w/o CC/MCC	1.5109	7.07	1	50
	100	01	MED	Seizures w MCC	1.6997	5.92	1	50
	100.1	01	MED	Seizures w MCC	1.0572	4.65	1	50
	101	01	MED	Seizures w/o MCC	0.7896	3.07	1	50
	101.1	01	MED	Seizures w/o MCC	0.5108	2.64	1	50
	102	01	MED	Headaches w MCC	1.5385	6.29	1	50
	102.1	01	MED	Headaches w MCC	1.0455	3.39	1	50
	103	01	MED	Headaches w/o MCC	0.8015	3.03	1	50
	103.1	01	MED	Headaches w/o MCC	0.5530	3.09	1	50
	113	02	SURG	Orbital procedures w CC/MCC	1.9512	4.96	1	50
	114	02	SURG	Orbital procedures w/o CC/MCC	1.3212	3.13	1	50
	115	02	SURG	Extraocular procedures except orbit	1.5564	4.68	1	50
	116	02	SURG	Intraocular procedures w CC/MCC	2.5684	10.26	1	50
	117	02	SURG	Intraocular procedures w/o CC/MCC	1.0893	2.78	1	50
	121	02	MED	Acute major eye infections w CC/MCC	0.8764	4.16	1	50
	122	02	MED	Acute major eye infections w/o CC/MCC	0.5266	2.76	1	50
	123	02	MED	Neurological eye disorders	0.8982	2.96	1	50
	124	02	MED	Other disorders of the eye w MCC	1.8083	6.73	1	50
	125	02	MED	Other disorders of the eye w/o MCC	0.7098	3.01	1	50
	129	03	SURG	Major head & neck procedures w CC/MCC or major device	3.6968	3.66	1	50
	130	03	SURG	Major head & neck procedures w/o CC/MCC	1.6979	2.67	1	50
	131	03	SURG	Cranial/facial procedures w CC/MCC	2.4919	5.54	1	50
	132	03	SURG	Cranial/facial procedures w/o CC/MCC	1.3190	2.56	1	50
	133	03	SURG	Other ear, nose, mouth & throat O.R. procedures w CC/MCC	1.8087	5.40	1	50
	134	03	SURG	Other ear, nose, mouth & throat O.R. procedures w/o CC/MCC	0.8695	2.49	1	50
	135	03	SURG	Sinus & mastoid procedures w CC/MCC	2.3798	7.07	1	50
	136	03	SURG	Sinus & mastoid procedures w/o CC/MCC	1.8707	4.67	1	50
	137	03	SURG	Mouth procedures w CC/MCC	1.3092	4.67	1	50
	138	03	SURG	Mouth procedures w/o CC/MCC	1.2589	3.43	1	50
	139	03	SURG	Salivary gland procedures	0.9684	1.87	1	50

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DRG	MDC	Type	Description	Relative Weight	Avg LOS	Low Day	High Day
146	03	MED	Ear, nose, mouth & throat malignancy w MCC	2.4563	9.42	1	50
147	03	MED	Ear, nose, mouth & throat malignancy w CC	1.7400	7.08	1	50
148	03	MED	Ear, nose, mouth & throat malignancy w/o CC/MCC	1.2366	3.89	1	50
149	03	MED	Dysequilibrium	0.7334	2.80	1	50
150	03	MED	Epistaxis w MCC	0.7955	3.86	1	50
151	03	MED	Epistaxis w/o MCC	0.6414	3.77	1	50
152	03	MED	Otitis media & URI w MCC	1.4770	5.74	1	50
152.1	03	MED	Otitis media & URI w MCC	0.7283	3.29	1	50
153	03	MED	Otitis media & URI w/o MCC	0.6355	2.58	1	50
153.1	03	MED	Otitis media & URI w/o MCC	0.4286	2.24	1	50
154	03	MED	Nasal trauma & deformity w MCC	1.7013	5.85	1	50
155	03	MED	Nasal trauma & deformity w CC	0.9784	3.95	1	50
156	03	MED	Nasal trauma & deformity w/o CC/MCC	0.6770	2.74	1	50
157	03	MED	Dental & Oral Diseases w MCC	1.7276	5.13	1	50
158	03	MED	Dental & Oral Diseases w CC	0.8736	3.25	1	50
159	03	MED	Dental & Oral Diseases w/o CC/MCC	0.7318	2.60	1	50
163	04	SURG	Major chest procedures w MCC	5.5068	16.27	1	50
164	04	SURG	Major chest procedures w CC	3.1120	9.19	2	50
165	04	SURG	Major chest procedures w/o CC/MCC	2.1871	5.86	1	50
166	04	SURG	Other resp system O.R. procedures w MCC	4.7143	14.92	1	50
167	04	SURG	Other resp system O.R. procedures w CC	2.5592	8.62	2	50
168	04	SURG	Other resp system O.R. procedures w/o CC/MCC	1.6594	5.77	1	50
175	04	MED	Pulmonary embolism w MCC	2.2169	8.04	1	50
176	04	MED	Pulmonary embolism w/o MCC	1.3294	5.74	1	50
177	04	MED	Respiratory infections & inflammations w MCC	2.1817	9.18	1	50
178	04	MED	Respiratory infections & inflammations w CC	1.8259	7.80	1	50
179	04	MED	Respiratory infections & inflammations w/o CC/MCC	1.6596	6.68	1	50
180	04	MED	Respiratory neoplasms w MCC	2.1081	8.32	1	50
181	04	MED	Respiratory neoplasms w CC	1.8261	6.41	1	50
182	04	MED	Respiratory neoplasms w/o CC/MCC	1.2903	4.50	1	50
183	04	MED	Major chest trauma w MCC	2.1984	7.63	2	50
184	04	MED	Major chest trauma w CC	0.9940	2.89	1	50
185	04	MED	Major chest trauma w/o CC/MCC	0.6118	2.00	1	50
186	04	MED	Pleural effusion w MCC	1.9546	8.29	1	50
187	04	MED	Pleural effusion w CC	1.2571	5.24	1	50
188	04	MED	Pleural effusion w/o CC/MCC	1.0679	3.66	1	50
189	04	MED	Pulmonary edema & respiratory failure	1.6792	6.00	1	50
190	04	MED	Chronic obstructive pulmonary disease w MCC	1.4421	5.79	1	50
190.1	04	MED	Chronic obstructive pulmonary disease w MCC	1.9294	11.50	1	50
191	04	MED	Chronic obstructive pulmonary disease w CC	1.1140	4.43	1	50
191.1	04	MED	Chronic obstructive pulmonary disease w CC	0.7779	8.88	1	50
192	04	MED	Chronic obstructive pulmonary disease w/o CC/MCC	0.8424	3.48	1	50
192.1	04	MED	Chronic obstructive pulmonary disease w/o CC/MCC	0.7933	20.24	1	50
193	04	MED	Simple pneumonia & pleurisy w MCC	1.8296	7.43	1	50
193.1	04	MED	Simple pneumonia & pleurisy w MCC	1.1208	5.73	1	50
194	04	MED	Simple pneumonia & pleurisy w CC	1.1598	4.54	1	50
194.1	04	MED	Simple pneumonia & pleurisy w CC	0.7362	4.04	1	50
195	04	MED	Simple pneumonia & pleurisy w/o CC/MCC	0.8449	3.33	1	50
195.1	04	MED	Simple pneumonia & pleurisy w/o CC/MCC	0.4902	2.73	1	50
196	04	MED	Interstitial lung disease w MCC	2.0798	9.89	1	50
197	04	MED	Interstitial lung disease w CC	1.5677	7.12	1	50

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198	04	MED		Interstitial lung disease w/o CC/MCC	0.7646	3.84	1	50
199	04	MED		Pneumothorax w MCC	1.9541	7.88	1	50
200	04	MED		Pneumothorax w CC	1.2411	4.96	1	50
201	04	MED		Pneumothorax w/o CC/MCC	0.7896	4.04	1	50
202	04	MED		Bronchitis & asthma w CC/MCC	0.9277	3.71	1	50
202.1	04	MED		Bronchitis & asthma w CC/MCC	0.6615	3.43	1	50
203	04	MED		Bronchitis & asthma w/o CC/MCC	0.5945	2.50	1	50
203.1	04	MED		Bronchitis & asthma w/o CC/MCC	0.4157	2.33	1	50
204	04	MED		Respiratory signs & symptoms	0.8760	2.78	1	50
204.1	04	MED		Respiratory signs & symptoms	0.5071	2.39	1	50
205	04	MED		Other respiratory system diagnoses w MCC	1.2485	5.03	1	50
206	04	MED		Other respiratory system diagnoses w/o MCC	0.8665	3.47	1	50
				Respiratory system diagnosis w ventilator support 96+ hours	6.0907	15.92	3	50
207	04	MED		Respiratory system diagnosis w ventilator support <96 hours	2.5148	6.82	1	50
208	04	MED		Other heart assist system implant	19.1547	16.33	1	50
215	05	SURG		Cardiac valve & oth maj cardiothoracic proc w card cath w MCC	14.1306	25.77	2	56
216	05	SURG		Cardiac valve & oth maj cardiothoracic proc w card cath w CC	7.4266	14.87	7	50
218	05	SURG		Cardiac valve & oth maj cardiothoracic proc w card cath w/o CC/MCC	7.6224	11.58	5	50
219	05	SURG		Cardiac valve & oth maj cardiothoracic proc w/o card cath w MCC	8.8422	14.82	3	50
220	05	SURG		Cardiac valve & oth maj cardiothoracic proc w/o card cath w CC	5.6673	8.84	3	50
221	05	SURG		Cardiac valve & oth maj cardiothoracic proc w/o card cath w/o CC/MCC	4.5145	7.51	2	50
222	05	SURG		Cardiac defib implant w cardiac cath w AMI/HF/shock w MCC	12.4892	16.84	5	50
223	05	SURG		Cardiac defib implant w cardiac cath w AMI/HF/shock w/o MCC	8.7212	8.60	2	50
224	05	SURG		Cardiac defib implant w cardiac cath w/o AMI/HF/shock w MCC	10.7453	12.59	4	50
225	05	SURG		Cardiac defib implant w cardiac cath w/o AMI/HF/shock w/o MCC	7.9631	7.97	1	50
226	05	SURG		Cardiac defibrillator implant w/o cardiac cath w MCC	10.9262	12.66	1	50
227	05	SURG		Cardiac defibrillator implant w/o cardiac cath w/o MCC	7.6208	4.68	1	50
228	05	SURG		Other cardiothoracic procedures w MCC	9.3899	15.90	3	50
229	05	SURG		Other cardiothoracic procedures w CC	5.9595	10.45	2	50
230	05	SURG		Other cardiothoracic procedures w/o CC/MCC	3.7594	5.85	1	50
231	05	SURG		Coronary bypass w PTCA w MCC	9.4946	15.33	1	50
232	05	SURG		Coronary bypass w PTCA w/o MCC	6.3516	8.97	4	50
233	05	SURG		Coronary bypass w cardiac cath w MCC	7.8289	15.37	5	50
234	05	SURG		Coronary bypass w cardiac cath w/o MCC	5.2923	9.48	4	50
235	05	SURG		Coronary bypass w/o cardiac cath w MCC	6.4879	13.60	2	50
236	05	SURG		Coronary bypass w/o cardiac cath w/o MCC	3.7818	7.38	3	50
237	05	SURG		Major cardiovascular procedures w MCC	8.3832	14.63	1	50
238	05	SURG		Major cardiovascular procedures w/o MCC	3.6768	7.20	1	50
239	05	SURG		Amputation for circ sys disorders exc upper limb & toe w MCC	5.5787	18.34	3	50

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	240	05	SURG	Amputation for circ sys disorders exc upper limb & toe w CC	3.4601	12.60	2	50
	241	05	SURG	Amputation for circ sys disorders exc upper limb & toe w/o CC/MCC	1.9012	6.96	2	50
	242	05	SURG	Permanent cardiac pacemaker implant w MCC	4.5111	8.19	2	50
	243	05	SURG	Permanent cardiac pacemaker implant w CC	3.9998	7.74	1	50
	244	05	SURG	Permanent cardiac pacemaker implant w/o CC/MCC	3.1411	3.99	1	50
	245	05	SURG	AICD lead & generator procedures	3.7807	5.21	1	50
	246	05	SURG	Percutaneous cardiovascular proc w drug-eluting stent w MCC	4.2840	6.49	1	50
	247	05	SURG	Percutaneous cardiovascular proc w drug-eluting stent w/o MCC	2.9494	2.42	1	50
	248	05	SURG	Percutaneous cardiovasc proc w non-drug-eluting stent w MCC	3.6320	6.98	1	50
	249	05	SURG	Percutaneous cardiovasc proc w non-drug-eluting stent w/o MCC	2.4033	3.21	1	50
	250	05	SURG	Perc cardiovasc proc w/o coronary artery stent or AMI w MCC	3.4655	7.53	1	50
	251	05	SURG	Perc cardiovasc proc w/o coronary artery stent or AMI w/o MCC	2.0050	3.52	1	50
	252	05	SURG	Other vascular procedures w MCC	4.6580	13.10	1	50
	253	05	SURG	Other vascular procedures w CC	3.0301	8.83	1	50
	254	05	SURG	Other vascular procedures w/o CC/MCC	2.2861	4.38	1	50
	255	05	SURG	Upper limb & toe amputation for circ system disorders w MCC	3.0439	11.71	1	50
	256	05	SURG	Upper limb & toe amputation for circ system disorders w CC	2.1387	9.66	2	50
	257	05	SURG	Upper limb & toe amputation for circ system disorders w/o CC/MCC	1.2657	4.33	2	50
	258	05	SURG	Cardiac pacemaker device replacement w MCC	1.3896	1.33	1	50
	259	05	SURG	Cardiac pacemaker device replacement w/o MCC	2.3791	2.71	2	50
	260	05	SURG	Cardiac pacemaker revision except device replacement w MCC	9.9761	25.80	6	59
	261	05	SURG	Cardiac pacemaker revision except device replacement w CC	1.7282	6.20	2	50
	262	05	SURG	Cardiac pacemaker revision except device replacement w/o CC/MCC	1.8877	4.57	1	50
	263	05	SURG	Vein ligation & stripping	0.9790	2.30	1	50
	264	05	SURG	Other circulatory system O.R. procedures	3.1895	12.13	1	50
	280	05	MED	Acute myocardial infarction, discharged alive w MCC	2.8682	8.81	1	50
	281	05	MED	Acute myocardial infarction, discharged alive w CC	1.6740	4.85	1	50
	282	05	MED	Acute myocardia infarction, discharged alive w/o CC/MCC	1.3994	2.76	1	50
	283	05	MED	Acute myocardial infarction, expired w MCC	3.0617	6.87	1	50
	284	05	MED	Acute myocardial infarction, expired w CC	2.0813	3.36	1	50
	285	05	MED	Acute myocardial infarction, expired w/o CC/MCC	1.1976	1.40	1	50
	286	05	MED	Circulatory disorders except AMI, w card cath w MCC	2.6781	8.46	1	50
	287	05	MED	Circulatory disorders except AMI, w card cath w/o MCC	1.4707	3.80	1	50
	288	05	MED	Acute & subacute endocarditis w MCC	4.4105	13.57	1	50
	289	05	MED	Acute & subacute endocarditis w CC	2.1846	10.85	2	50

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HCPCS	DRG	MDC	Type	Description	Relative Weight	Avg LOS	Low Day	High Day
000-079	290	05	MED	Acute & subacute endocarditis w/o CC/MCC	1.3871	4.88	2	50
	291	05	MED	Heart failure & shock w MCC	1.7300	6.93	1	50
	292	05	MED	Heart failure & shock w CC	1.1405	4.99	1	50
	293	05	MED	Heart failure & shock w/o CC/MCC	0.8422	3.72	1	50
	294	05	MED	Deep vein thrombophlebitis w CC/MCC	1.2177	5.33	2	50
	295	05	MED	Deep vein thrombophlebitis w/o CC/MCC	0.8575	7.06	2	50
	296	05	MED	Cardiac arrest, unexplained w MCC	1.6349	2.20	1	50
	297	05	MED	Cardiac arrest, unexplained w CC	1.2410	1.71	1	50
	298	05	MED	Cardiac arrest, unexplained w/o CC/MCC	0.7046	1.00	1	50
	299	05	MED	Peripheral vascular disorders w MCC	2.0985	7.51	1	50
	300	05	MED	Peripheral vascular disorders w CC	1.0921	5.64	1	50
	301	05	MED	Peripheral vascular disorders w/o CC/MCC	0.8393	4.34	1	50
	302	05	MED	Atherosclerosis w MCC	1.3219	5.07	1	50
	303	05	MED	Atherosclerosis w/o MCC	0.8522	3.02	1	50
	304	05	MED	Hypertension w MCC	1.2566	4.91	1	50
	305	05	MED	Hypertension w/o MCC	0.8211	2.97	1	50
	306	05	MED	Cardiac congenital & valvular disorders w MCC	2.9325	8.90	1	50
	307	05	MED	Cardiac congenital & valvular disorders w/o MCC	0.9852	3.25	1	50
	308	05	MED	Cardiac arrhythmia & conduction disorders w MCC	1.8759	6.37	1	50
	309	05	MED	Cardiac arrhythmia & conduction disorders w CC	1.0313	4.05	1	50
	310	05	MED	Cardiac arrhythmia & conduction disorders w/o CC/MCC	0.7982	3.00	1	50
	311	05	MED	Angina pectoris	0.8254	2.84	1	50
	312	05	MED	Syncope & collapse	0.8126	3.09	1	50
	313	05	MED	Chest pain	0.7419	2.39	1	50
	314	05	MED	Other circulatory system diagnoses w MCC	2.4475	9.14	1	50
	315	05	MED	Other circulatory system diagnoses w CC	1.3571	5.50	1	50
	316	05	MED	Other circulatory system diagnoses w/o CC/MCC	0.8108	3.47	1	50
	326	06	SURG	Stomach, esophageal & duodenal proc w MCC	6.7718	17.71	2	50
	326.1	06	SURG	Stomach, esophageal & duodenal proc w MCC	5.9671	17.99	1	55
	327	06	SURG	Stomach, esophageal & duodenal proc w CC	3.3336	10.28	1	50
	327.1	06	SURG	Stomach, esophageal & duodenal proc w CC	2.1845	8.35	1	50
	328	06	SURG	Stomach, esophageal & duodenal proc w/o CC/MCC	1.8439	4.65	1	50
	328.1	06	SURG	Stomach, esophageal & duodenal proc w/o CC/MCC	0.9264	3.03	1	50
	329	06	SURG	Major small & large bowel procedures w MCC	5.9860	17.57	2	50
	330	06	SURG	Major small & large bowel procedures w CC	3.2239	11.36	2	50
	331	06	SURG	Major small & large bowel procedures w/o CC/MCC	2.0150	6.65	1	50
	332	06	SURG	Rectal resection w MCC	3.8375	10.93	2	50
	333	06	SURG	Rectal resection w CC	3.1313	9.68	2	50
	334	06	SURG	Rectal resection w/o CC/MCC	2.1899	6.17	1	50
	335	06	SURG	Peritoneal adhesiolysis w MCC	5.3105	16.37	1	50
	336	06	SURG	Peritoneal adhesiolysis w CC	2.9988	10.83	2	50
	337	06	SURG	Peritoneal adhesiolysis w/o CC/MCC	1.6893	5.00	1	50
	338	06	SURG	Appendectomy w complicated principal diag w MCC	3.1826	10.12	1	50
	339	06	SURG	Appendectomy w complicated principal diag w CC	2.4893	7.96	3	50
	340	06	SURG	Appendectomy w complicated principal diag w/o CC/MCC	1.5220	4.31	1	50
	341	06	SURG	Appendectomy w/o complicated principal diag w MCC	1.9170	5.33	1	50

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	342	06	SURG	Appendectomy w/o complicated principal diag w CC	1.5009	3.59	1	50
	343	06	SURG	Appendectomy w/o complicated principal diag w/o CC/MCC	1.0376	1.86	1	50
	344	06	SURG	Minor small & large bowel procedures w MCC	4.0356	16.82	1	50
	345	06	SURG	Minor small & large bowel procedures w CC	1.9359	8.27	2	50
	346	06	SURG	Minor small & large bowel procedures w/o CC/MCC	1.4263	4.75	1	50
	347	06	SURG	Anal & stomal procedures w MCC	2.4307	8.48	1	50
	348	06	SURG	Anal & stomal procedures w CC	1.4300	4.58	1	50
	349	06	SURG	Anal & stomal procedures w/o CC/MCC	0.8864	2.86	1	50
	350	06	SURG	Inguinal & femoral hernia procedures w MCC	1.7866	7.52	1	50
	351	06	SURG	Inguinal & femoral hernia procedures w CC	1.4938	7.73	1	50
	352	06	SURG	Inguinal & femoral hernia procedures w/o CC/MCC	0.7806	1.65	1	50
	353	06	SURG	Hernia procedures except inguinal & femoral w MCC	3.0436	10.66	1	50
	354	06	SURG	Hernia procedures except inguinal & femoral w CC	2.0910	7.72	1	50
	355	06	SURG	Hernia procedures except inguinal & femoral w/o CC/MCC	1.2985	3.19	1	50
	356	06	SURG	Other digestive system O.R. procedures w MCC	4.5421	14.51	1	50
	357	06	SURG	Other digestive system O.R. procedures w CC	2.5250	8.64	1	50
	358	06	SURG	Other digestive system O.R. procedures w/o CC/MCC	1.6109	4.38	1	50
	368	06	MED	Major esophageal disorders w MCC	2.0827	5.87	1	50
	369	06	MED	Major esophageal disorders w CC	1.2826	4.80	1	50
	370	06	MED	Major esophageal disorders w/o CC/MCC	0.7713	2.77	1	50
	371	06	MED	Major gastrointestinal disorders & peritoneal infections w MCC	2.3645	9.47	1	50
	372	06	MED	Major gastrointestinal disorders & peritoneal infections w CC	1.4852	6.59	1	50
	373	06	MED	Major gastrointestinal disorders & peritoneal infections w/o CC/MCC	0.9835	4.86	1	50
	374	06	MED	Digestive malignancy w MCC	2.6239	10.15	1	50
	375	06	MED	Digestive malignancy w CC	1.6585	6.32	1	50
	376	06	MED	Digestive malignancy w/o CC/MCC	0.9867	3.40	1	50
	377	06	MED	G.I. hemorrhage w MCC	1.9395	6.57	1	50
	378	06	MED	G.I. hemorrhage w CC	1.1618	4.40	1	50
	379	06	MED	G.I. hemorrhage w/o CC/MCC	0.7781	2.85	1	50
	380	06	MED	Complicated peptic ulcer w MCC	2.0061	8.33	1	50
	381	06	MED	Complicated peptic ulcer w CC	1.3675	6.29	1	50
	382	06	MED	Complicated peptic ulcer w/o CC/MCC	0.8257	2.78	1	50
	383	06	MED	Uncomplicated peptic ulcer w MCC	1.7568	7.55	1	50
	384	06	MED	Uncomplicated peptic ulcer w/o MCC	0.9683	3.95	1	50
	385	06	MED	Inflammatory bowel disease w MCC	1.8878	8.48	2	50
	386	06	MED	Inflammatory bowel disease w CC	1.2428	5.82	1	50
	387	06	MED	Inflammatory bowel disease w/o CC/MCC	0.8552	4.12	1	50
	388	06	MED	G.I. obstruction w MCC	1.6913	7.57	1	50
	389	06	MED	G.I. obstruction w CC	1.1296	5.54	1	50
	390	06	MED	G.I. obstruction w/o CC/MCC	0.7799	4.20	1	50
	391	06	MED	Esophagitis, gastroent & misc digest disorders w MCC	1.3022	5.58	1	50
	392	06	MED	Esophagitis, gastroent & misc digest disorders w/o MCC	0.6788	3.00	1	50

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HCFA-100	DRG	MDC	Type	Description	Relative Weight	Avg LOS	Low Day	High Day
	393	06	MED	Other digestive system diagnoses w MCC	1.9331	8.24	1	50
	394	06	MED	Other digestive system diagnoses w CC	1.1110	4.87	1	50
	395	06	MED	Other digestive system diagnoses w/o CC/MCC	0.7211	2.97	1	50
	405	07	SURG	Pancreas, liver & shunt procedures w MCC	7.4585	18.44	1	51
	406	07	SURG	Pancreas, liver & shunt procedures w CC	4.0712	12.56	2	50
	407	07	SURG	Pancreas, liver & shunt procedures w/o CC/MCC	2.6758	6.94	1	50
	408	07	SURG	Biliary tract proc except only cholecyst w or w/o c.d.e. w MCC	5.4265	19.35	3	50
	409	07	SURG	Biliary tract proc except only cholecyst w or w/o c.d.e. w CC	3.7982	12.58	4	50
	410	07	SURG	Biliary tract proc except only cholecyst w or w/o c.d.e. w/o CC/MCC	2.4811	7.21	1	50
	411	07	SURG	Cholecystectomy w c.d.e. w MCC	4.0160	11.79	5	50
	412	07	SURG	Cholecystectomy w c.d.e. w CC	2.5128	6.29	1	50
	413	07	SURG	Cholecystectomy w c.d.e. w/o CC/MCC	2.0839	5.00	1	50
	414	07	SURG	Cholecystectomy except by laparoscope w/o c.d.e. w MCC	3.8411	12.31	2	50
	415	07	SURG	Cholecystectomy except by laparoscope w/o c.d.e. w CC	2.2485	7.57	2	50
	416	07	SURG	Cholecystectomy except by laparoscope w/o c.d.e. w/o CC/MCC	1.7815	4.37	1	50
	417	07	SURG	Laparoscopic cholecystectomy w/o c.d.e. w MCC	2.1478	5.95	1	50
	418	07	SURG	Laparoscopic cholecystectomy w/o c.d.e. w CC	1.8118	5.26	1	50
	419	07	SURG	Laparoscopic cholecystectomy w/o c.d.e. w/o CC/MCC	1.3188	2.68	1	50
	420	07	SURG	Hepatobiliary diagnostic procedures w MCC	4.8567	12.93	1	50
	421	07	SURG	Hepatobiliary diagnostic procedures w CC	3.0223	10.00	1	50
	422	07	SURG	Hepatobiliary diagnostic procedures w/o CC/MCC	1.8731	10.82	2	50
	423	07	SURG	Other hepatobiliary or pancreas O.R. procedures w MCC	6.7673	19.85	7	53
	424	07	SURG	Other hepatobiliary or pancreas O.R. procedures w CC	3.0641	10.83	3	50
	425	07	SURG	Other hepatobiliary or pancreas O.R. procedures w/o CC/MCC	2.0154	7.13	2	50
	432	07	MED	Cirrhosis & alcoholic hepatitis w MCC	2.2267	8.21	1	50
	433	07	MED	Cirrhosis & alcoholic hepatitis w CC	0.9876	4.59	1	50
	434	07	MED	Cirrhosis & alcoholic hepatitis w/o CC/MCC	0.7759	3.47	1	50
	435	07	MED	Malignancy of hepatobiliary system or pancreas w MCC	2.0750	8.40	1	50
	436	07	MED	Malignancy of hepatobiliary system or pancreas w CC	1.5241	5.88	1	50
	437	07	MED	Malignancy of hepatobiliary system or pancreas w/o CC/MCC	1.3371	4.84	1	50
	438	07	MED	Disorders of pancreas except malignancy w MCC	2.4176	9.26	1	50
	439	07	MED	Disorders of pancreas except malignancy w CC	1.2830	5.59	1	50
	440	07	MED	Disorders of pancreas except malignancy w/o CC/MCC	0.8704	3.94	1	50
	441	07	MED	Disorders of liver except malig,cirr,alc hepa w MCC	2.1353	7.36	1	50
	442	07	MED	Disorders of liver except malig,cirr,alc hepa w CC	1.1890	5.10	1	50
	443	07	MED	Disorders of liver except malig,cirr,alc hepa w/o CC/MCC	0.8531	3.79	1	50
	444	07	MED	Disorders of the biliary tract w MCC	1.7131	6.11	1	50
	445	07	MED	Disorders of the biliary tract w CC	1.1769	4.97	1	50
	446	07	MED	Disorders of the biliary tract w/o CC/MCC	0.7505	2.86	1	50

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DRG	MDC	Type	Description	Relative Weight	Avg LOS	Low Day	High Day
453	08	SURG	Combined anterior/posterior spinal fusion w MCC	9.9401	14.08	3	50
454	08	SURG	Combined anterior/posterior spinal fusion w CC	6.8089	8.25	2	50
455	08	SURG	Combined anterior/posterior spinal fusion w/o CC/MCC	5.7678	5.72	1	50
456	08	SURG	Spinal fusion exc cerv w spinal curv, malig or 9+ fusions w MCC	8.1392	15.83	3	50
457	08	SURG	Spinal fusion exc cerv w spinal curv, malig or 9+ fusions w CC	5.8643	9.14	3	50
458	08	SURG	Spinal fusion exc cerv w spinal curv, malig or 9+ fusions w/o CC/MCC	5.1239	4.84	3	50
459	08	SURG	Spinal fusion except cervical w MCC	6.5078	12.61	3	50
460	08	SURG	Spinal fusion except cervical w/o MCC	3.4109	4.39	1	50
461	08	SURG	Bilateral or multiple major joint procs of lower extremity w MCC	5.1099	9.71	1	50
462	08	SURG	Bilateral or multiple major joint procs of lower extremity w/o MCC	4.1302	4.91	3	50
463	08	SURG	Wnd debrid & skn graft exc hand, for musculo-conn tiss dis w MCC	7.4626	23.53	3	58
464	08	SURG	Wnd debrid & skn graft exc hand, for musculo-conn tiss dis w CC	3.7902	14.25	2	50
465	08	SURG	Wnd debrid & skn graft exc hand, for musculo-conn tiss dis w/o CC/MCC	2.1030	6.42	1	50
466	08	SURG	Revision of hip or knee replacement w MCC	5.2350	8.89	3	50
467	08	SURG	Revision of hip or knee replacement w CC	3.5648	7.14	2	50
468	08	SURG	Revision of hip or knee replacement w/o CC/MCC	2.4087	3.41	1	50
469	08	SURG	Major joint replacement or reattachment of lower extremity w MCC	3.9421	10.58	1	50
470	08	SURG	Major joint replacement or reattachment of lower extremity w/o MCC	2.5890	5.00	2	50
471	08	SURG	Cervical spinal fusion w MCC	4.9401	10.13	1	50
472	08	SURG	Cervical spinal fusion w CC	2.5597	4.25	1	50
473	08	SURG	Cervical spinal fusion w/o CC/MCC	1.7424	2.28	1	50
474	08	SURG	Amputation for musculoskeletal sys & conn tissue dis w MCC	4.7863	17.45	1	50
475	08	SURG	Amputation for musculoskeletal sys & conn tissue dis w CC	2.6499	11.40	1	50
476	08	SURG	Amputation for musculoskeletal sys & conn tissue dis w/o CC/MCC	1.2597	5.48	1	50
477	08	SURG	Biopsies of musculoskeletal system & connective tissue w MCC	3.6656	14.56	1	50
478	08	SURG	Biopsies of musculoskeletal system & connective tissue w CC	2.7908	12.13	1	50
479	08	SURG	Biopsies of musculoskeletal system & connective tissue w/o CC/MCC	1.7595	5.17	1	50
480	08	SURG	Hip & femur procedures except major joint w MCC	4.6967	13.65	1	50
480.1	08	SURG	Hip & femur procedures except major joint w CC	1.7374	3.85	1	50
481	08	SURG	Hip & femur procedures except major joint w/o CC	2.3772	6.41	1	50
481.1	08	SURG	Hip & femur procedures except major joint w CC	1.5451	4.63	1	50
482	08	SURG	Hip & femur procedures except major joint w/o CC/MCC	1.8093	3.88	1	50
482.1	08	SURG	Hip & femur procedures except major joint w/o CC/MCC	1.2266	3.86	1	50
483	08	SURG	Major joint & limb reattachment proc of upper extremity w CC/MCC	2.2605	3.13	2	50

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DRG	MDC	Type	Description	Relative Weight	Avg LOS	Low Day	High Day
484	08	SURG	Major joint & limb reattachment proc of upper extremity w/o CC/MCC	2.1041	6.65	1	50
485	08	SURG	Knee procedures w pdx of infection w MCC	6.8285	26.17	7	50
486	08	SURG	Knee procedures w pdx of infection w CC	3.2287	11.19	2	50
487	08	SURG	Knee procedures w pdx of infection w/o CC/MCC	1.3468	3.60	1	50
488	08	SURG	Knee procedures w/o pdx of infection w CC/MCC	1.7942	4.22	1	50
489	08	SURG	Knee procedures w/o pdx of infection w/o CC/MCC	1.1590	1.77	1	50
490	08	SURG	Back & neck procedures except spinal fusion w CC/MCC or disc devices	2.4010	5.86	1	50
491	08	SURG	Back & neck procedures except spinal fusion w/o CC/MCC	1.0993	2.09	1	50
492	08	SURG	Lower extrem & humer proc except hip,foot,femur w MCC	3.1456	6.63	2	50
492.1	08	SURG	Lower extrem & humer proc except hip,foot,femur w MCC	0.9614	1.70	1	50
493	08	SURG	Lower extrem & humer proc except hip,foot,femur w CC	2.2193	5.47	1	50
493.1	08	SURG	Lower extrem & humer proc except hip,foot,femur w CC	1.3903	3.07	1	50
494	08	SURG	Lower extrem & humer proc except hip,foot,femur w/o CC/MCC	1.4565	2.57	1	50
494.1	08	SURG	Lower extrem & humer proc except hip,foot,femur w/o CC/MCC	0.9797	2.17	1	50
495	08	SURG	Local excision & removal int fix devices exc hip & femur w MCC	4.3239	15.04	1	50
496	08	SURG	Local excision & removal int fix devices exc hip & femur w CC	2.0998	6.62	1	50
497	08	SURG	Local excision & removal int fix devices exc hip & femur w/o CC/MCC	1.5083	4.54	1	50
498	08	SURG	Local excision & removal int fix devices of hip & femur w CC/MCC	1.8469	8.57	1	50
499	08	SURG	Local excision & removal int fix devices of hip & femur w/o CC/MCC	0.8544	1.88	1	50
500	08	SURG	Soft tissue procedures w MCC	2.6562	10.50	1	50
501	08	SURG	Soft tissue procedures w CC	1.7478	6.42	1	50
502	08	SURG	Soft tissue procedures w/o CC/MCC	1.1692	3.44	1	50
503	08	SURG	Foot procedures w MCC	2.0964	8.25	2	50
504	08	SURG	Foot procedures w CC	1.7502	7.22	1	50
505	08	SURG	Foot procedures w/o CC/MCC	1.2200	3.38	1	50
506	08	SURG	Major thumb or joint procedures	1.0352	2.95	1	50
507	08	SURG	Major shoulder or elbow joint procedures w CC/MCC	2.1099	11.00	2	50
508	08	SURG	Major shoulder or elbow joint procedures w/o CC/MCC	1.0239	4.60	1	50
509	08	SURG	Arthroscopy	1.2747	3.30	1	50
510	08	SURG	Shoulder,elbow or forearm proc,exc major joint proc w MCC	2.9322	8.44	2	50
511	08	SURG	Shoulder,elbow or forearm proc,exc major joint proc w CC	1.8299	3.64	1	50
512	08	SURG	Shoulder,elbow or forearm proc,exc major joint proc w/o CC/MCC	1.1199	1.81	1	50
513	08	SURG	Hand or wrist proc, except major thumb or joint proc w CC/MCC	1.3288	6.09	1	50

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HCF	DRG	MDC	Type	Description	Relative Weight	Avg LOS	Low Day	High Day
	514	08	SURG	Hand or wrist proc, except major thumb or joint proc w/o CC/MCC	0.8843	2.11	1	50
	515	08	SURG	Other musculoskelet sys & conn tiss O.R. proc w MCC	4.5035	9.90	1	50
	516	08	SURG	Other musculoskelet sys & conn tiss O.R. proc w CC	2.7491	6.09	1	50
	517	08	SURG	Other musculoskelet sys & conn tiss O.R. proc w/o CC/MCC	2.5014	4.38	1	50
	533	08	MED	Fractures of femur w MCC	2.2780	16.63	2	50
	534	08	MED	Fractures of femur w/o MCC	0.6923	3.20	1	50
	535	08	MED	Fractures of hip & pelvis w MCC	1.5824	8.00	1	50
	536	08	MED	Fractures of hip & pelvis w/o MCC	0.8345	3.05	1	50
	537	08	MED	Sprains, strains, & dislocations of hip, pelvis & thigh w CC/MCC	1.8434	5.00	3	50
	538	08	MED	Sprains, strains, & dislocations of hip, pelvis & thigh w/o CC/MCC	0.6612	1.60	1	50
	539	08	MED	Osteomyelitis w MCC	2.4232	12.72	2	50
	540	08	MED	Osteomyelitis w CC	1.4741	8.70	1	50
	541	08	MED	Osteomyelitis w/o CC/MCC	1.1506	7.13	1	50
	542	08	MED	Pathological fractures & musculoskelet & conn tiss malig w MCC	2.8376	10.80	1	50
	543	08	MED	Pathological fractures & musculoskelet & conn tiss malig w CC	1.7462	6.22	1	50
	544	08	MED	Pathological fractures & musculoskelet & conn tiss malig w/o CC/MCC	1.2461	5.53	1	50
	545	08	MED	Connective tissue disorders w MCC	3.1315	10.29	1	50
	546	08	MED	Connective tissue disorders w CC	1.3292	4.95	1	50
	547	08	MED	Connective tissue disorders w/o CC/MCC	0.8737	3.68	1	50
	548	08	MED	Septic arthritis w MCC	3.2505	12.80	2	50
	549	08	MED	Septic arthritis w CC	1.3121	7.75	1	50
	550	08	MED	Septic arthritis w/o CC/MCC	0.6385	3.12	1	50
	551	08	MED	Medical back problems w MCC	1.5225	7.76	1	50
	552	08	MED	Medical back problems w/o MCC	0.8393	3.60	1	50
	553	08	MED	Bone diseases & arthropathies w MCC	2.1974	5.24	1	50
	554	08	MED	Bone diseases & arthropathies w/o MCC	0.7372	3.81	1	50
	555	08	MED	Signs & symptoms of musculoskeletal system & conn tissue w MCC	2.6729	6.35	1	50
	556	08	MED	Signs & symptoms of musculoskeletal system & conn tissue w/o MCC	0.8176	3.34	1	50
	557	08	MED	Tendonitis, myositis & bursitis w MCC	2.4706	9.56	1	50
	558	08	MED	Tendonitis, myositis & bursitis w/o MCC	0.8336	4.22	1	50
	559	08	MED	Aftercare, musculoskeletal system & connective tissue w MCC	1.1266	3.14	1	50
	560	08	MED	Aftercare, musculoskeletal system & connective tissue w CC	1.4793	6.73	1	50
	561	08	MED	Aftercare, musculoskeletal system & connective tissue w/o CC/MCC	0.9081	4.00	1	50
	562	08	MED	Fx, sprn, strn & distl except femur, hip, pelvis & thigh w MCC	1.4203	5.07	1	50
	563	08	MED	Fx, sprn, strn & distl except femur, hip, pelvis & thigh w/o MCC	0.6713	2.40	1	50
	564	08	MED	Other musculoskeletal sys & connective tissue diagnoses w MCC	1.9266	7.07	1	50
	565	08	MED	Other musculoskeletal sys & connective tissue diagnoses w CC	1.0766	4.88	1	50

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HCF	DRG	MDC	Type	Description	Relative Weight	Avg LOS	Low Day	High Day
	566	08	MED	Other musculoskeletal sys & connective tissue diagnoses w/o CC/MCC	0.7733	5.63	1	50
	573	09	SURG	Skin graft &/or debrid for skn ulcer or cellulitis w MCC	3.3617	14.05	1	50
	574	09	SURG	Skin graft &/or debrid for skn ulcer or cellulitis w CC	2.1130	10.33	1	50
	575	09	SURG	Skin graft &/or debrid for skn ulcer or cellulitis w/o CC/MCC	1.3138	5.43	1	50
	576	09	SURG	Skin graft &/or debrid exc for skin ulcer or cellulitis w MCC	5.4365	16.11	2	50
	577	09	SURG	Skin graft &/or debrid exc for skin ulcer or cellulitis w CC	1.9679	7.79	1	50
	578	09	SURG	Skin graft &/or debrid exc for skin ulcer or cellulitis w/o CC/MCC	1.2187	3.79	1	50
	579	09	SURG	Other skin, subcut tiss & breast proc w MCC	2.8434	10.39	1	50
	580	09	SURG	Other skin, subcut tiss & breast proc w CC	1.6545	5.42	1	50
	581	09	SURG	Other skin, subcut tiss & breast proc w/o CC/MCC	1.0825	2.74	1	50
	582	09	SURG	Mastectomy for malignancy w CC/MCC	1.1990	2.32	1	50
	583	09	SURG	Mastectomy for malignancy w/o CC/MCC	1.1076	1.69	1	50
	584	09	SURG	Breast biopsy, local excision & other breast procedures w CC/MCC	1.9212	6.82	1	50
	585	09	SURG	Breast biopsy, local excision & other breast procedures w/o CC/MCC	1.1049	2.35	1	50
	592	09	MED	Skin ulcers w MCC	2.0105	10.14	1	50
	593	09	MED	Skin ulcers w CC	1.0656	6.08	1	50
	594	09	MED	Skin ulcers w/o CC/MCC	1.0708	7.68	1	50
	595	09	MED	Major skin disorders w MCC	3.0030	13.88	2	50
	596	09	MED	Major skin disorders w/o MCC	0.8390	5.24	1	50
	597	09	MED	Malignant breast disorders w MCC	2.2786	8.67	2	50
	598	09	MED	Malignant breast disorders w CC	1.6767	6.41	1	50
	599	09	MED	Malignant breast disorders w/o CC/MCC	0.5382	2.58	1	50
	600	09	MED	Non-malignant breast disorders w CC/MCC	0.7795	4.35	1	50
	601	09	MED	Non-malignant breast disorders w/o CC/MCC	0.6594	2.75	1	50
	602	09	MED	Cellulitis w MCC	1.3676	6.19	1	50
	603	09	MED	Cellulitis w/o MCC	0.7393	3.91	1	50
	604	09	MED	Trauma to the skin, subcut tiss & breast w MCC	1.6654	4.07	1	50
	605	09	MED	Trauma to the skin, subcut tiss & breast w/o MCC	0.6678	2.00	1	50
	606	09	MED	Minor skin disorders w MCC	1.0478	5.10	1	50
	607	09	MED	Minor skin disorders w/o MCC	0.6134	3.33	1	50
	614	10	SURG	Adrenal & pituitary procedures w CC/MCC	3.8449	9.33	1	50
	615	10	SURG	Adrenal & pituitary procedures w/o CC/MCC	1.8169	3.13	1	50
	616	10	SURG	Amputat of lower limb for endocrine,nutrit,& metabol dis w MCC	4.3348	14.94	6	50
	617	10	SURG	Amputat of lower limb for endocrine,nutrit,& metabol dis w CC	2.8445	10.81	1	50
	618	10	SURG	Amputat of lower limb for endocrine,nutrit,& metabol dis w/o CC/MCC	2.5316	13.00	4	50
	619	10	SURG	O.R. procedures for obesity w MCC	3.5968	12.80	2	50
	620	10	SURG	O.R. procedures for obesity w CC	2.3475	7.84	2	50
	621	10	SURG	O.R. procedures for obesity w/o CC/MCC	1.8118	10.25	1	50
	622	10	SURG	Skin grafts & wound debrid for endoc, nutrit & metab dis w MCC	8.6472	29.65	3	73
	623	10	SURG	Skin grafts & wound debrid for endoc, nutrit & metab dis w CC	2.1770	10.33	2	50

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	624	10	SURG	Skin grafts & wound debrid for endoc, nutrit & metab dis w/o CC/MCC	0.7365	3.80	3	50
	625	10	SURG	Thyroid, parathyroid & thyroglossal procedures w MCC	2.0642	3.86	2	50
	626	10	SURG	Thyroid, parathyroid & thyroglossal procedures w CC	1.9440	4.64	1	50
	627	10	SURG	Thyroid, parathyroid & thyroglossal procedures w/o CC/MCC	0.9576	2.43	1	50
	628	10	SURG	Other endocrine, nutrit & metab O.R. proc w MCC	3.6088	13.35	3	50
	629	10	SURG	Other endocrine, nutrit & metab O.R. proc w CC	2.4036	8.70	1	50
	630	10	SURG	Other endocrine, nutrit & metab O.R. proc w/o CC/MCC	1.2822	2.50	1	50
	637	10	MED	Diabetes w MCC	1.5915	5.48	1	50
	638	10	MED	Diabetes w CC	0.8703	3.72	1	50
	639	10	MED	Diabetes w/o CC/MCC	0.5907	2.78	1	50
	640	10	MED	Nutritional & misc metabolic disorders w MCC	1.6303	6.49	1	50
	640.1	10	MED	Nutritional & misc metabolic disorders w/o MCC	1.1922	6.09	1	50
	641	10	MED	Nutritional & misc metabolic disorders w/o MCC	0.9007	3.81	1	50
	641.1	10	MED	Nutritional & misc metabolic disorders w/o MCC	0.5180	3.47	1	50
	642	10	MED	Inborn errors of metabolism	1.3724	4.81	1	50
	642.1	10	MED	Inborn errors of metabolism	0.7731	4.85	1	50
	643	10	MED	Endocrine disorders w MCC	2.3791	7.63	1	50
	644	10	MED	Endocrine disorders w CC	1.2409	5.45	1	50
	645	10	MED	Endocrine disorders w/o CC/MCC	0.7371	3.12	1	50
	652	11	SURG	Kidney transplant	4.4607	8.07	4	50
	653	11	SURG	Major bladder procedures w MCC	6.5566	16.65	4	50
	654	11	SURG	Major bladder procedures w CC	3.3282	10.89	2	50
	655	11	SURG	Major bladder procedures w/o CC/MCC	2.6908	7.50	2	50
	656	11	SURG	Kidney & ureter procedures for neoplasm w MCC	6.4174	17.10	1	50
	657	11	SURG	Kidney & ureter procedures for neoplasm w CC	2.4294	6.45	1	50
	658	11	SURG	Kidney & ureter procedures for neoplasm w/o CC/MCC	1.5788	4.36	1	50
	659	11	SURG	Kidney & ureter procedures for non-neoplasm w MCC	4.3578	16.28	2	50
	660	11	SURG	Kidney & ureter procedures for non-neoplasm w CC	1.9243	5.89	1	50
	661	11	SURG	Kidney & ureter procedures for non-neoplasm w/o CC/MCC	1.1789	3.56	1	50
	662	11	SURG	Minor bladder procedures w MCC	3.7113	13.59	1	50
	663	11	SURG	Minor bladder procedures w CC	1.7208	5.38	1	50
	664	11	SURG	Minor bladder procedures w/o CC/MCC	1.3427	3.54	1	50
	665	11	SURG	Prostatectomy w MCC	1.7853	3.87	1	50
	666	11	SURG	Prostatectomy w CC	1.2260	2.00	2	50
	667	11	SURG	Prostatectomy w/o CC/MCC	1.1163	3.00	1	50
	668	11	SURG	Transurethral procedures w MCC	3.0135	9.42	1	50
	669	11	SURG	Transurethral procedures w CC	1.1994	3.40	1	50
	670	11	SURG	Transurethral procedures w/o CC/MCC	0.9519	2.83	1	50
	671	11	SURG	Urethral procedures w CC/MCC	2.4001	8.17	1	50
	672	11	SURG	Urethral procedures w/o CC/MCC	0.8479	1.57	1	50
	673	11	SURG	Other kidney & urinary tract procedures w MCC	3.9888	14.11	2	50
	674	11	SURG	Other kidney & urinary tract procedures w CC	2.9094	9.31	1	50
	675	11	SURG	Other kidney & urinary tract procedures w/o CC/MCC	1.8447	4.64	1	50
	682	11	MED	Renal failure w MCC	1.9816	7.25	1	50
	683	11	MED	Renal failure w CC	1.3983	5.92	1	50

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	684	11	MED	Renal failure w/o CC/MCC	0.8605	3.74	1	50
	685	11	MED	Admit for renal dialysis	0.9135	2.90	1	50
	686	11	MED	Kidney & urinary tract neoplasms w MCC	1.6407	6.35	1	50
	687	11	MED	Kidney & urinary tract neoplasms w CC	1.9143	6.84	1	50
	688	11	MED	Kidney & urinary tract neoplasms w/o CC/MCC	0.8627	2.53	1	50
	689	11	MED	Kidney & urinary tract infections w MCC	1.2090	5.55	1	50
	690	11	MED	Kidney & urinary tract infections w/o MCC	0.7185	3.50	1	50
	691	11	MED	Urinary stones w esw lithotripsy w CC/MCC	1.0701	2.92	1	50
	692	11	MED	Urinary stones w esw lithotripsy w/o CC/MCC	1.2372	2.17	1	50
	693	11	MED	Urinary stones w/o esw lithotripsy w MCC	1.4610	4.78	1	50
	694	11	MED	Urinary stones w/o esw lithotripsy w/o MCC	0.7548	2.29	1	50
	695	11	MED	Kidney & urinary tract signs & symptoms w MCC	0.9099	3.67	1	50
	696	11	MED	Kidney & urinary tract signs & symptoms w/o MCC	0.7221	3.26	1	50
	697	11	MED	Urethral stricture	0.8591	3.78	1	50
	698	11	MED	Other kidney & urinary tract diagnoses w MCC	1.6826	6.99	1	50
	699	11	MED	Other kidney & urinary tract diagnoses w CC	1.2255	5.42	1	50
	700	11	MED	Other kidney & urinary tract diagnoses w/o CC/MCC	0.8060	3.83	1	50
	707	12	SURG	Major male pelvic procedures w CC/MCC	4.5302	10.89	2	50
	708	12	SURG	Major male pelvic procedures w/o CC/MCC	1.5413	2.87	1	50
	709	12	SURG	Penis procedures w CC/MCC	2.0643	7.67	1	50
	710	12	SURG	Penis procedures w/o CC/MCC	0.9866	2.06	1	50
	711	12	SURG	Testes procedures w CC/MCC	2.1817	7.05	1	50
	712	12	SURG	Testes procedures w/o CC/MCC	0.9892	2.03	1	50
	713	12	SURG	Transurethral prostatectomy w CC/MCC	0.9486	2.86	2	50
	714	12	SURG	Transurethral prostatectomy w/o CC/MCC	0.5901	1.55	1	50
	715	12	SURG	Other male reproductive system O.R. proc for malignancy w CC/MCC	12.1439	24.00	19	50
	716	12	SURG	Other male reproductive system O.R. proc for malignancy w/o CC/MCC	2.6556	6.50	1	50
	717	12	SURG	Other male reproductive system O.R. proc exc malignancy w CC/MCC	2.6877	8.71	2	50
	718	12	SURG	Other male reproductive system O.R. proc exc malignancy w/o CC/MCC	2.7191	7.67	1	50
	722	12	MED	Malignancy, male reproductive system w MCC	3.8010	11.00	1	50
	723	12	MED	Malignancy, male reproductive system w CC	1.8710	5.67	1	50
	724	12	MED	Malignancy, male reproductive system w/o CC/MCC	1.5106	4.56	1	50
	725	12	MED	Benign prostatic hypertrophy w MCC	1.3389	4.80	1	50
	726	12	MED	Benign prostatic hypertrophy w/o MCC	0.8380	3.00	1	50
	727	12	MED	Inflammation of the male reproductive system w MCC	1.8025	8.43	1	50
	727.1	12	MED	Inflammation of the male reproductive system w MCC	0.6071	3.50	3	50
	728	12	MED	Inflammation of the male reproductive system w/o MCC	0.8662	3.75	1	50
	728.1	12	MED	Inflammation of the male reproductive system w/o MCC	0.5902	3.87	1	50
	729	12	MED	Other male reproductive system diagnoses w CC/MCC	1.2865	4.45	1	50
	730	12	MED	Other male reproductive system diagnoses w/o CC/MCC	0.6903	2.45	1	50
	734	13	SURG	Pelvic evisceration, rad hysterectomy & rad vulvectomy w CC/MCC	2.9453	9.57	2	50

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735	13	SURG	Pelvic evisceration, rad hysterectomy & rad vulvectomy w/o CC/MCC	1.3423	3.50	1	50
736	13	SURG	Uterine & adnexa proc for ovarian or adnexal malignancy w MCC	6.0907	16.44	6	50
737	13	SURG	Uterine & adnexa proc for ovarian or adnexal malignancy w CC	2.5115	7.33	2	50
738	13	SURG	Uterine & adnexa proc for ovarian or adnexal malignancy w/o CC/MCC	1.7255	4.38	1	50
739	13	SURG	Uterine,adnexa proc for non-ovarian/adnexal malig w MCC	2.7498	9.00	3	50
740	13	SURG	Uterine,adnexa proc for non-ovarian/adnexal malig w CC	2.0345	5.79	1	50
741	13	SURG	Uterine,adnexa proc for non-ovarian/adnexal malig w/o CC/MCC	1.0382	2.67	1	50
742	13	SURG	Uterine & adnexa proc for non-malignancy w CC/MCC	1.6057	4.07	1	50
743	13	SURG	Uterine & adnexa proc for non-malignancy w/o CC/MCC	1.0982	2.60	1	50
744	13	SURG	D&C, conization, laparoscopy & tubal interruption w CC/MCC	1.2927	3.47	1	50
745	13	SURG	D&C, conization, laparoscopy & tubal interruption w/o CC/MCC	1.0913	2.34	1	50
746	13	SURG	Vagina, cervix & vulva procedures w CC/MCC	1.9745	6.97	1	50
747	13	SURG	Vagina, cervix & vulva procedures w/o CC/MCC	0.8595	2.81	1	50
748	13	SURG	Female reproductive system reconstructive procedures	0.9582	2.40	1	50
749	13	SURG	Other female reproductive system O.R. procedures w CC/MCC	2.3047	7.35	1	50
750	13	SURG	Other female reproductive system O.R. procedures w/o CC/MCC	1.2128	2.46	1	50
754	13	MED	Malignancy, female reproductive system w MCC	3.3176	12.30	3	50
755	13	MED	Malignancy, female reproductive system w CC	1.2029	4.54	1	50
756	13	MED	Malignancy, female reproductive system w/o CC/MCC	0.5790	2.44	1	50
757	13	MED	Infections, female reproductive system w MCC	1.4986	5.72	2	50
758	13	MED	Infections, female reproductive system w CC	0.8541	3.24	1	50
759	13	MED	Infections, female reproductive system w/o CC/MCC	0.6525	2.63	1	50
760	13	MED	Menstrual & other female reproductive system disorders w CC/MCC	0.8684	2.86	1	50
761	13	MED	Menstrual & other female reproductive system disorders w/o CC/MCC	0.6309	2.00	1	50
765	14	SURG	Cesarean section w CC/MCC	1.1000	4.39	2	50
766	14	SURG	Cesarean section w/o CC/MCC	0.8311	3.00	2	50
767	14	SURG	Vaginal delivery w sterilization &/or D&C	0.8334	2.39	1	50
768	14	SURG	Vaginal delivery w O.R. proc except steril &/or D&C	1.0815	3.49	1	50
769	14	SURG	Postpartum & post abortion diagnoses w O.R. procedure	1.6223	4.37	1	50
770	14	SURG	Abortion w D&C, aspiration curettage or hysterotomy	0.7814	1.87	1	50
774	14	MED	Vaginal delivery w complicating diagnoses	0.6390	2.64	1	50
775	14	MED	Vaginal delivery w/o complicating diagnoses	0.4921	1.97	1	50
776	14	MED	Postpartum & post abortion diagnoses w/o O.R. procedure	0.6508	2.69	1	50
777	14	MED	Ectopic pregnancy	1.0309	2.26	1	50

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778	14	MED	Threatened abortion	0.5693	3.65	1	50
779	14	MED	Abortion w/o D&C	0.5038	1.74	1	50
780	14	MED	False labor	0.4388	2.55	1	50
781	14	MED	Other antepartum diagnoses w medical complications	0.6330	3.24	1	50
782	14	MED	Other antepartum diagnoses w/o medical complications	0.5849	3.22	1	50
789	15	MED	Neonates, died or transferred to another acute care facility	0.3337	1.55	1	50
789.1	15	MED	Neonates, died or transferred to another acute care facility	4.3902	12.90	1	50
790	15	MED	Extreme immaturity or respiratory distress syndrome, neonate	2.0834	12.62	1	50
790.1	15	MED	Extreme immaturity or respiratory distress syndrome, neonate	10.2919	39.60	5	74
791	15	MED	Prematurity w major problems	1.2165	8.90	2	50
791.1	15	MED	Prematurity w major problems	3.7438	18.83	3	50
792	15	MED	Prematurity w/o major problems	0.3996	4.07	1	50
792.1	15	MED	Prematurity w/o major problems	2.1887	11.89	2	50
793	15	MED	Full term neonate w major problems	0.6248	4.45	1	50
793.1	15	MED	Full term neonate w major problems	2.0404	9.13	2	50
794	15	MED	Neonate w other significant problems	0.2505	2.58	1	50
794.1	15	MED	Neonate w other significant problems	0.9679	4.97	2	50
795	15	MED	Normal newborn	0.1475	1.96	1	50
799	16	SURG	Splenectomy w MCC	4.1233	11.06	1	50
800	16	SURG	Splenectomy w CC	3.0410	8.16	2	50
801	16	SURG	Splenectomy w/o CC/MCC	1.8235	3.83	1	50
802	16	SURG	Other O.R. proc of the blood & blood forming organs w MCC	5.5123	15.20	1	56
803	16	SURG	Other O.R. proc of the blood & blood forming organs w CC	2.5999	9.68	1	50
804	16	SURG	Other O.R. proc of the blood & blood forming organs w/o CC/MCC	1.4353	4.80	1	50
808	16	MED	Major hematol/immun diag exc sickle cell crisis & coagul w MCC	2.6036	9.12	1	50
809	16	MED	Major hematol/immun diag exc sickle cell crisis & coagul w CC	1.3163	4.81	1	50
810	16	MED	Major hematol/immun diag exc sickle cell crisis & coagul w/o CC/MCC	0.8852	3.13	1	50
811	16	MED	Red blood cell disorders w MCC	1.7390	7.64	1	50
811.1	16	MED	Red blood cell disorders w MCC	1.0841	5.47	1	50
812	16	MED	Red blood cell disorders w/o MCC	0.9446	4.97	1	50
812.1	16	MED	Red blood cell disorders w/o MCC	0.5271	3.46	1	50
813	16	MED	Coagulation disorders	2.3572	3.60	1	50
814	16	MED	Reticuloendothelial & immunity disorders w MCC	1.3758	5.62	1	50
815	16	MED	Reticuloendothelial & immunity disorders w CC	1.2428	4.94	1	50
816	16	MED	Reticuloendothelial & immunity disorders w/o CC/MCC	0.7759	3.29	1	50
820	17	SURG	Lymphoma & leukemia w major O.R. procedure w MCC	11.6046	27.82	4	61
821	17	SURG	Lymphoma & leukemia w major O.R. procedure w CC	2.8544	7.90	1	50
822	17	SURG	Lymphoma & leukemia w major O.R. procedure w/o CC/MCC	1.3974	4.68	1	50

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823	17	SURG	Lymphoma & non-acute leukemia w other O.R. proc w MCC	6.2343	19.02	2	50
824	17	SURG	Lymphoma & non-acute leukemia w other O.R. proc w CC	2.3261	7.66	1	50
825	17	SURG	Lymphoma & non-acute leukemia w other O.R. proc w/o CC/MCC	1.7104	4.75	1	50
826	17	SURG	Myeloprolif disord or poorly diff neopl w maj O.R. proc w MCC	7.1935	19.30	4	50
827	17	SURG	Myeloprolif disord or poorly diff neopl w maj O.R. proc w CC	3.2405	9.48	3	50
828	17	SURG	Myeloprolif disord or poorly diff neopl w maj O.R. proc w/o CC/MCC	2.2865	4.45	1	50
829	17	SURG	Myeloprolif disord or poorly diff neopl w other O.R. proc w CC/MCC	3.1294	9.64	1	50
830	17	SURG	Myeloprolif disord or poorly diff neopl w other O.R. proc w/o CC/MCC	2.2383	7.30	1	50
834	17	MED	Acute leukemia w/o major O.R. procedure w MCC	7.8655	20.34	1	50
835	17	MED	Acute leukemia w/o major O.R. procedure w CC	3.2363	11.10	2	50
836	17	MED	Acute leukemia w/o major O.R. procedure w/o CC/MCC	2.0624	6.86	1	50
837	17	MED	Chemo w acute leukemia as sdx or w high dose chemo agent w MCC	7.7829	23.35	1	54
837.1	17	MED	Chemo w acute leukemia as sdx or w high dose chemo agent w MCC	4.1878	16.03	2	50
838	17	MED	Chemo w acute leukemia as sdx or w high dose chemo agent w CC	2.8982	8.97	2	50
838.1	17	MED	Chemo w acute leukemia as sdx or w high dose chemo agent w CC	1.2264	4.22	1	50
839	17	MED	Chemo w acute leukemia as sdx or w high dose chemo agent w/o CC/MCC	1.2177	4.89	1	50
839.1	17	MED	Chemo w acute leukemia as sdx or w high dose chemo agent w/o CC/MCC	0.7236	3.49	1	50
840	17	MED	Lymphoma & non-acute leukemia w MCC	3.8330	12.72	2	50
841	17	MED	Lymphoma & non-acute leukemia w CC	2.3982	8.44	1	50
842	17	MED	Lymphoma & non-acute leukemia w/o CC/MCC	1.5538	4.72	1	50
843	17	MED	Other myeloprolif dis or poorly diff neopl diag w MCC	2.4360	9.83	1	50
844	17	MED	Other myeloprolif dis or poorly diff neopl diag w CC	1.8947	7.78	1	50
845	17	MED	Other myeloprolif dis or poorly diff neopl diag w/o CC/MCC	0.9712	3.82	1	50
846	17	MED	Chemotherapy w/o acute leukemia as secondary diagnosis w MCC	2.3734	7.92	1	50
847	17	MED	Chemotherapy w/o acute leukemia as secondary diagnosis w CC	1.1044	3.40	1	50
848	17	MED	Chemotherapy w/o acute leukemia as secondary diagnosis w/o CC/MCC	0.6586	2.27	1	50
849	17	MED	Radiotherapy	0.8192	1.91	1	50
853	18	SURG	Infectious & parasitic diseases w O.R. procedure w MCC	6.9470	19.96	1	52
854	18	SURG	Infectious & parasitic diseases w O.R. procedure w CC	3.5885	14.14	2	50
855	18	SURG	Infectious & parasitic diseases w O.R. procedure w/o CC/MCC	1.5958	5.11	1	50

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856	18	SURG	Postoperative or post-traumatic infections w O.R. proc w MCC	4.9204	16.73	2	50
857	18	SURG	Postoperative or post-traumatic infections w O.R. proc w CC	2.6310	10.70	1	50
858	18	SURG	Postoperative or post-traumatic infections w O.R. proc w/o CC/MCC	1.7362	8.38	1	50
862	18	MED	Postoperative & post-traumatic infections w MCC	1.9633	8.50	1	50
863	18	MED	Postoperative & post-traumatic infections w/o MCC	1.0285	5.30	1	50
864	18	MED	Fever of unknown origin	1.0750	4.59	1	50
864.1	18	MED	Fever of unknown origin	0.4687	2.62	1	50
865	18	MED	Viral illness w MCC	1.6832	7.38	1	50
865.1	18	MED	Viral illness w MCC	0.6784	4.60	1	50
866	18	MED	Viral illness w/o MCC	0.8142	3.25	1	50
866.1	18	MED	Viral illness w/o MCC	0.4493	2.25	1	50
867	18	MED	Other infectious & parasitic diseases diagnoses w MCC	3.6777	12.74	1	50
868	18	MED	Other infectious & parasitic diseases diagnoses w CC	1.1916	4.47	1	50
			Other infectious & parasitic diseases diagnoses w/o				
869	18	MED	CC/MCC	0.7347	6.45	1	50
870	18	MED	Septicemia w MV 96+ hours	6.2073	15.23	3	50
871	18	MED	Septicemia w/o MV 96+ hours w MCC	2.1881	7.90	1	50
872	18	MED	Septicemia w/o MV 96+ hours w/o MCC	1.2739	5.77	1	50
876	19	SURG	O.R. procedure w principal diagnoses of mental illness	2.1685	4.50	1	50
880	19	MED	Acute adjustment reaction & psychosocial dysfunction	0.8844	3.55	1	50
881	19	MED	Depressive neuroses	0.8346	3.63	1	50
882	19	MED	Neuroses except depressive	0.9647	3.63	1	50
883	19	MED	Disorders of personality & impulse control	0.7431	4.38	3	50
884	19	MED	Organic disturbances & mental retardation	1.0064	5.39	1	50
885	19	MED	Psychoses	0.9272	5.30	1	50
886	19	MED	Behavioral & developmental disorders	1.0047	8.71	1	50
887	19	MED	Other mental disorder diagnoses	0.8383	3.77	1	50
894	20	MED	Alcohol/drug abuse or dependence, left ama	0.7491	2.21	1	50
895	20	MED	Alcohol/drug abuse or dependence w rehabilitation therapy	1.5682	8.00	4	50
896	20	MED	Alcohol/drug abuse or dependence w/o rehabilitation therapy w MCC	1.6773	6.42	1	50
897	20	MED	Alcohol/drug abuse or dependence w/o rehabilitation therapy w/o MCC	0.7407	3.53	1	50
901	21	SURG	Wound debridements for injuries w MCC	6.0065	24.38	1	53
902	21	SURG	Wound debridements for injuries w CC	2.5547	9.98	1	50
903	21	SURG	Wound debridements for injuries w/o CC/MCC	1.5941	5.36	1	50
904	21	SURG	Skin grafts for injuries w CC/MCC	6.2240	20.41	1	52
905	21	SURG	Skin grafts for injuries w/o CC/MCC	1.5477	5.33	1	50
906	21	SURG	Hand procedures for injuries	1.6972	4.62	1	50
907	21	SURG	Other O.R. procedures for injuries w MCC	5.1336	13.96	1	50
908	21	SURG	Other O.R. procedures for injuries w CC	2.3185	8.16	1	50
909	21	SURG	Other O.R. procedures for injuries w/o CC/MCC	1.2935	3.54	1	50
913	21	MED	Traumatic injury w MCC	1.5021	5.15	1	50
914	21	MED	Traumatic injury w/o MCC	0.6700	2.51	1	50
915	21	MED	Allergic reactions w MCC	1.7467	5.50	1	50
915.1	21	MED	Allergic reactions w MCC	0.8744	3.67	3	50

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916	21	MED	Allergic reactions w/o MCC	0.4842	1.70	1	50
916.1	21	MED	Allergic reactions w/o MCC	0.3275	1.57	1	50
917	21	MED	Poisoning & toxic effects of drugs w MCC	2.0265	5.01	1	50
917.1	21	MED	Poisoning & toxic effects of drugs w MCC	1.3451	4.47	1	50
918	21	MED	Poisoning & toxic effects of drugs w/o MCC	0.6433	2.02	1	50
918.1	21	MED	Poisoning & toxic effects of drugs w/o MCC	0.4592	3.06	1	50
919	21	MED	Complications of treatment w MCC	1.8491	8.04	1	50
919.1	21	MED	Complications of treatment w MCC	1.6708	4.52	1	50
920	21	MED	Complications of treatment w CC	1.3878	5.83	1	50
920.1	21	MED	Complications of treatment w CC	0.8653	5.39	1	50
921	21	MED	Complications of treatment w/o CC/MCC	0.6989	2.89	1	50
921.1	21	MED	Complications of treatment w/o CC/MCC	0.6136	2.41	1	50
922	21	MED	Other injury, poisoning & toxic effect diag w MCC	1.9677	8.24	1	50
923	21	MED	Other injury, poisoning & toxic effect diag w/o MCC	0.6896	3.31	1	50
927	22	SURG	Extensive burns or full thickness burns w MV 96+ hrs w skin graft	13.5677	26.44	1	60
928	22	SURG	Full thickness burn w skin graft or inhal inj w CC/MCC	3.6506	13.66	1	50
929	22	SURG	Full thickness burn w skin graft or inhal inj w/o CC/MCC	2.1198	8.26	1	50
933	22	MED	Extensive burns or full thickness burns w MV 96+ hrs w/o skin graft	2.9244	4.91	1	50
934	22	MED	Full thickness burn w/o skin graft or inhal inj	1.1804	5.14	1	50
935	22	MED	Non-extensive burns	1.0245	3.94	1	50
939	23	SURG	O.R. proc w diagnoses of other contact w health services w MCC	1.9030	7.00	1	50
940	23	SURG	O.R. proc w diagnoses of other contact w health services w CC	1.6633	6.43	1	50
941	23	SURG	O.R. proc w diagnoses of other contact w health services w/o CC/MCC	1.3859	6.00	1	50
945	23	MED	Rehabilitation w CC/MCC	2.0234	22.18	1	50
946	23	MED	Rehabilitation w/o CC/MCC	1.1102	8.00	8	50
947	23	MED	Signs & symptoms w MCC	1.0166	3.85	1	50
948	23	MED	Signs & symptoms w/o MCC	0.6892	3.32	1	50
949	23	MED	Aftercare w CC/MCC	1.4236	4.56	1	50
950	23	MED	Aftercare w/o CC/MCC	0.4465	1.78	1	50
951	23	MED	Other factors influencing health status	0.5278	3.09	1	50
955	24	SURG	Craniotomy for multiple significant trauma	7.1597	14.18	1	50
956	24	SURG	Limb reattachment, hip & femur proc for multiple significant trauma	6.4747	10.39	2	50
957	24	SURG	Other O.R. procedures for multiple significant trauma w MCC	7.8279	14.99	1	50
958	24	SURG	Other O.R. procedures for multiple significant trauma w CC	4.6942	10.68	1	50
959	24	SURG	Other O.R. procedures for multiple significant trauma w/o CC/MCC	2.9619	7.11	1	50
963	24	MED	Other multiple significant trauma w MCC	3.4457	9.56	1	50
964	24	MED	Other multiple significant trauma w CC	1.9697	5.98	1	50
965	24	MED	Other multiple significant trauma w/o CC/MCC	1.3960	3.74	1	50
969	25	SURG	HIV w extensive O.R. procedure w MCC	7.1434	23.71	4	54
970	25	SURG	HIV w extensive O.R. procedure w/o MCC	2.9087	13.50	1	50
974	25	MED	HIV w major related condition w MCC	3.3649	12.88	2	50
975	25	MED	HIV w major related condition w CC	1.9152	9.09	1	50
976	25	MED	HIV w major related condition w/o CC/MCC	1.2361	5.86	1	50
977	25	MED	HIV w or w/o other related condition	1.4040	6.00	1	50

Michigan Department of Community Health
 Medical Services Administration
GROUPER 26.0
January 1, 2009

Appendix A

DRG	MDC	Type	Description	Relative Weight	Avg LOS	Low Day	High Day
981		SURG	Extensive O.R. procedure unrelated to principal diagnosis w MCC	6.7563	18.87	2	50
982		SURG	Extensive O.R. procedure unrelated to principal diagnosis w CC	3.6597	12.45	1	50
983		SURG	Extensive O.R. procedure unrelated to principal diagnosis w/o CC/MCC	1.8459	4.98	1	50
984		SURG	Prostatic O.R. procedure unrelated to principal diagnosis w MCC	4.2971	24.08	1	50
985		SURG	Prostatic O.R. procedure unrelated to principal diagnosis w CC	3.2942	16.00	8	50
986		SURG	Prostatic O.R. procedure unrelated to principal diagnosis w/o CC/MCC	0.9741	2.00	2	50
987		SURG	Non-extensive O.R. proc unrelated to principal diagnosis w MCC	4.6442	16.53	2	50
988		SURG	Non-extensive O.R. proc unrelated to principal diagnosis w CC	2.1654	8.34	1	50
989		SURG	Non-extensive O.R. proc unrelated to principal diagnosis w/o CC/MCC	1.4988	4.68	1	50
998			Principal diagnosis invalid as discharge diagnosis				
999			Ungroupable				

STATE <u>MI</u>	
DATE REC'D <u>JUL 30 2009</u>	
DATE APPV'D <u>JUL 30 2009</u>	
DATE EFF <u>JAN - 1 2009</u>	
HCFA 179	<u>A</u>